



STREET LIGHTING LUMINAIRE LED

SL 150

HIGH EFFICIENCY 100-160W



LED provided by
Samsung

Glass



LED number	72 LED	144 LED	144 LED	144 LED
Power	100W	120W	140W	160W
Luminous flux	13000 Lm	16700 Lm	19000 Lm	21300 Lm
Light efficiency	130 Lm/W	139 Lm/W	136 Lm/W	133 Lm/W
LED current	0.450 A	0.270 A	0.320A	0.360A

192 LED	192 LED	384 LED
120W	150W	150W
16200 Lm	19500 Lm	21750 Lm
135 Lm/W	130 Lm/W	145 Lm/W
0.100A	0.120A	0.065A

LED provided by
Samsung

No Glass, IK10 IP67

LED number	144 LED	144 LED	144 LED	144 LED
Power	100W	120W	140W	160W
Luminous flux	16300 Lm	18960 Lm	21700 Lm	24000 Lm
Light efficiency	163 Lm/W	158 Lm/W	155 Lm/W	150 Lm/W
LED current	0.230 A	0.270 A	0.315A	0.360A

(The flux and efficiency may vary +/- 20%, depending on the LEDs)

Specifications are subject to change without notice, for latest datasheet refer to web-site

Philips Xitanium Drivers

TRIDONIC



LEDiL



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HIGH EFFICIENCY

100-160W



LED brand	SAMSUNG, CREE
Lenses / Optics	LEDiL, BSM 48 and BSM 72 LED OPTICS
Power supply voltage	AC 220-240V (100-240V on request)
LED driver	TRIDONIC, PHILIPS, MEANWELL; On request: 1-10V, DALI, Self-dimming
Operation temperature	-30°C + 45°C (-40°C on request)
Isulation class	Class I; Class II on request
Beam Angle	street types, other on request 60°, 90°, 120°, asymmetric
Power factor	≥0.96 - 1.00
Operation Lifetime	≥ 50,000 h (100,000 h on request)
On-load switch	On request
Surge protection	10kV
CR Index	CRI Ra≥70 (CRI Ra≥80 on request)
Colour temperature	4000K - 6000K +/- 300K (3000K,6500K on request) (Luminocity parameters may vary on request)

Philips Xitanium Drivers



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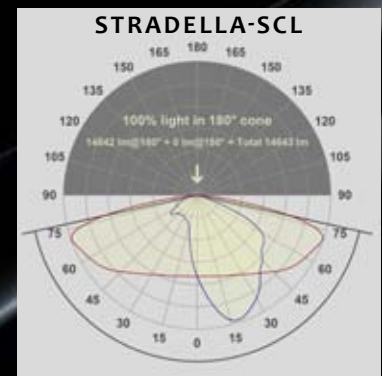
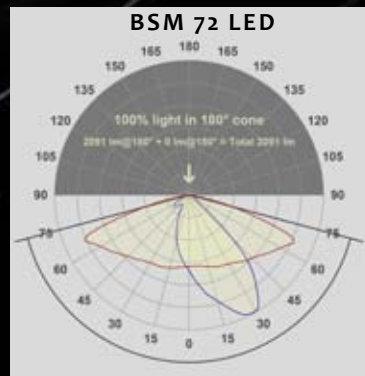
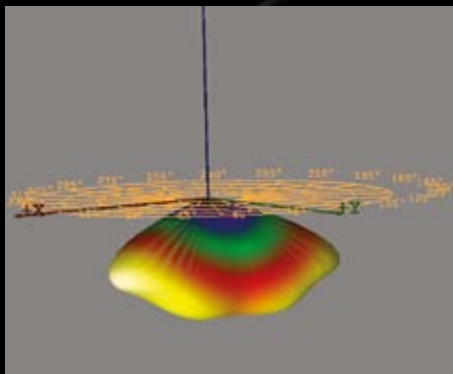
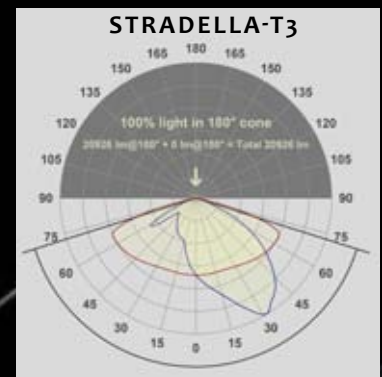
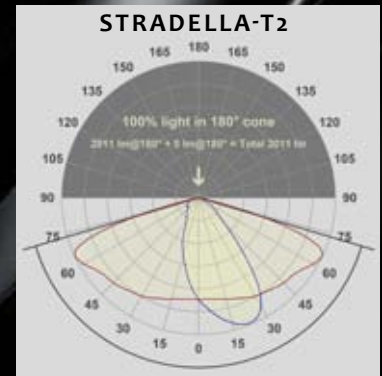
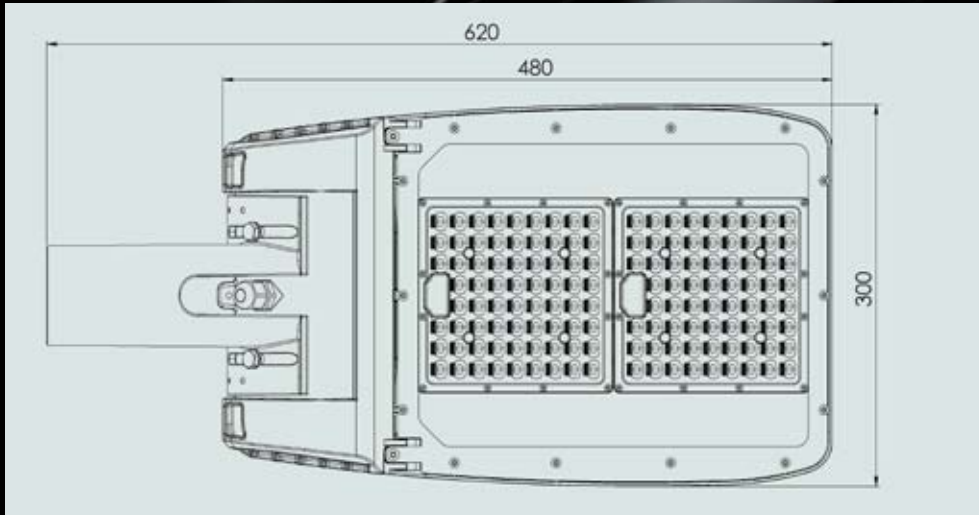
LED 21



STREET LIGHTING LUMINAIRE LED

SL 150

HIGH EFFICIENCY



Body colour	RAL7035 standard - custom colour possible on request RAL9006, RAL7024
Body / Screen	Aluminium die casting, tempered glass - option
IP / IK grade	IP67 / IK08- IK10
Weight	8 kg
Dimensions	620x300x70mm
Mounting / Tilt angle	diam. 60mm Top pole +20° - 5° / Boom +15° - 30°
Warranty	3 years (5 and 7 years on request)
Main standards references	CE, ENEC, EN 55015; EN 61000; EN 61547; EN 62031 EN 60598; EN 60529; EN 62262; EN 13201; EN 62471 (on request)

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